



## INFORMATION DISCLOSURE STATEMENT

Case Name. A. Alexiou 4-2  
Serial No. 10/620987  
Applicant: A. Alexiou, et al.  
Filing Date: July 16, 2003  
Group:

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
KCT	AA	6,185,258	2/6/2001	S. Alamouti, et al	375	260	5/7/1998

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation

## OTHER (including Author, Title, Date, Pertinent Pages, etc.)

KCT	AB	Siavash M. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications", <i>IEEE Journal on Select Areas in Communications</i> , Vol. 16, No. 8, (10-98), pages 1451-1458.
KCT	AC	George Jongren, et al, "Combining Transmit Antenna Weights and Orthogonal Space-Time Block Codes by utilizing Side Information", <i>IEEE</i> 1999, pages 1562-1566.
KCT	AD	George Jongren, et al, "Combining Transmit Beamforming and Orthogonal Space-Time Block Codes by Utilizing Side Information", <i>IEEE</i> 2000, pages 153-157.
KCT	AE	George Jongren, et al, "Combining Beamforming and Orthogonal Space-Time Block Coding", <i>IEEE Transactions on Information Theory</i> , Vol. 48, No. 3, (3-02), pages 611-627.
KCT	AF	Aradhana Narula, et al, "Efficient Use of Side Information in Multiple-Antenna Data Transmission Over Fading Channels", <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 16, No. 8, (10-98), pages 1423-1436.
KCT	AG	Aradhana Narula, et al, "Performance Limits of Coded Diversity Methods for Transmitter Antenna Arrays", <i>IEEE Transactions on Information Theory</i> , Vol. 45, No. 7, (11-99), pages 2418-2433.
KCT	AH	Vahid Tarokh, et al, "Space-Time Block Codes from Orthogonal Designs", <i>IEEE Transactions on Information Theory</i> , Vol. 45, No. 5, (7-99), pages 1456-1467.
KCT	AI	Eugene Visotsky, et al, "Space-Time Transmit Precoding With Imperfect Feedback", <i>IEEE Transactions on Information Theory</i> , Vol. 47, No. 6, (9-01), pages 2632-2639.
KCT	AJ	Shengli Zhou, et al, "Optimal Transmitter Eigen-Beamforming and Space-Time Block Coding Based on Channel Correlations", <i>IEEE</i> 2002, pages 553-557.
KCT	AK	Shengli Zhou, et al, "Optimal Transmitter Eigen-Beamforming and Space-Time Block Coding Based on Channel Mean Feedback", <i>IEEE Transactions on Signal Processing</i> , Vol. 50, No. 10, (10-02), pages 2599-2613.
KCT	AL	"3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Channels and Mapping of Transport Channels Onto Physical Channels" (FDD) (Release 5), 3GPP TS 25.211 V5.4.0 (2003-06), pages 1-51.
KCT	AM	M. K. Simon, et. al, "Digital Communication Over Fading Channels: A Unified Approach to Performance Analysis", <i>John Wiley &amp; Sons</i> , 2000, pages 212-219.

\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

EXAMINER	DATE CONSIDERED
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	Group:	2681

**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	Subclass	Translation
AA WO 01/69800	9/20/2001	PCT	H04B		YES

**OTHER (including Author, Title, Date, Pertinent Pages, etc.)**

KCT	AB	Shengli Zhou, et al, "Optimal Transmitter Eigen-Beamforming and Space-Time Block Coding Based on Channel Mean Feedback," <i>IEEE Transactions on Signal Processing</i> , IEEE, Inc. New York, Vol. 50, No. 10, (10/02), pp. 2599-2613.
KCT	AC	Alexander Seeger, et al, "Performance of Downlink Eigenbeamformer with Realistic Feedback Transmission," <i>IEEE Vehicular Technology Conference</i> , NY, Vol. 1 of 4, Conf. 54, (10/7/01), pp. 1269-1273.
KCT	AD	European Search Report

\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

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